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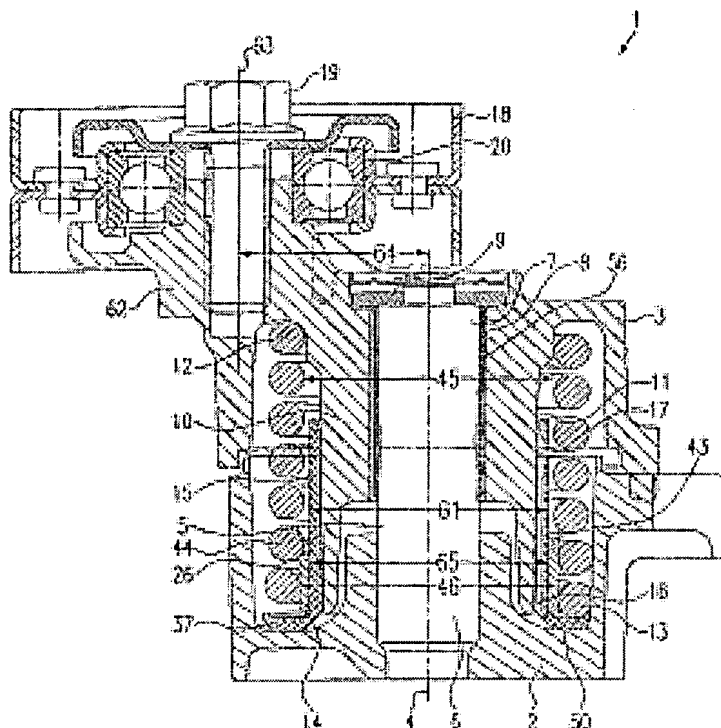
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(54) Title: AUTOMATIC BELT TENSIONER



(57) Abstract: The invention relates to an automatic belt tensioner comprising a basic part that is connected to a tensioning part so as to be rotatable about a common axis of rotation, a helical spring that is joined to the basic part and the tensioning part, and a wrapping bush which is wrapped at least in some areas with a radial enveloping force by means of the helical spring. According to the invention, the material of the wrapping bush contains reinforced plastic in order to ensure that the belt tensioner provides good damping and good cushioning properties if possible during the entire service life thereof while being universally usable and having a simple design.

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Abstract

The invention relates to an automatic belt tensioner comprising a basic part that is connected to a tensioning part so as to be rotatable about a common axis of rotation, a helical spring that is joined to the basic part and the tensioning part, and a wrapping bush which is wrapped at least in some areas with a radial enveloping force by means of the helical spring. According to the invention, the material of the wrapping bush contains reinforced plastic in order to ensure that the belt tensioner provides good damping and good cushioning properties if possible during the entire service life thereof while being universally usable and having a simple design.